WEST Search History

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DATE: Wednesday, April 19, 2006

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	DB=PGPB,USPT; PLUR=YES; OP=OR		
☐	L3	l1 and l2	2
☐	L2	514/530.ccls.	709
☐	L1	560/129.ccls.	327

END OF SEARCH HISTORY

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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS 4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 5	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS 6	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 7	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS 8	JAN 30	Saved answer limit increased
NEWS 9	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 10	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 12	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 13	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS 14	FEB 28	TOXCENTER reloaded with enhancements
NEWS 15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS 16	MAR 01	INSPEC reloaded and enhanced
NEWS 17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 18	MAR 08	X.25 communication option no longer available after June 2006
NEWS 19	MAR 22	EMBASE is now updated on a daily basis
NEWS 20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 22	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 23	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 24	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
http://download.cas.org/express/v8.0-Discover/

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:06:06 ON 19 APR 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:06:14 ON 19 APR 2006
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STRUCTURE FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2
DICTIONARY FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

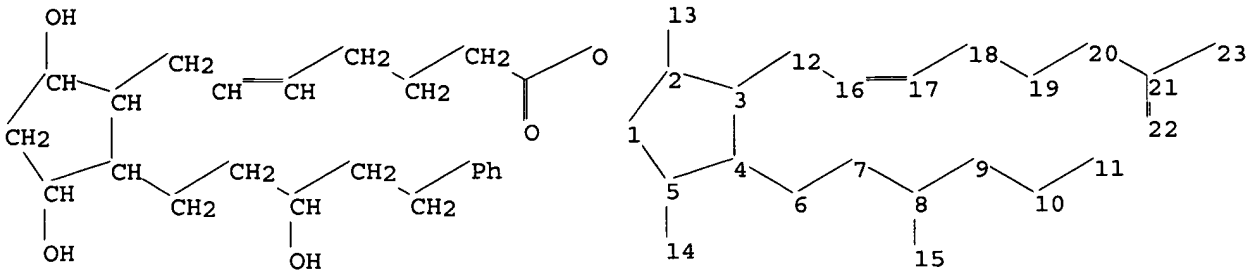
****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10723140\Struc 2.str

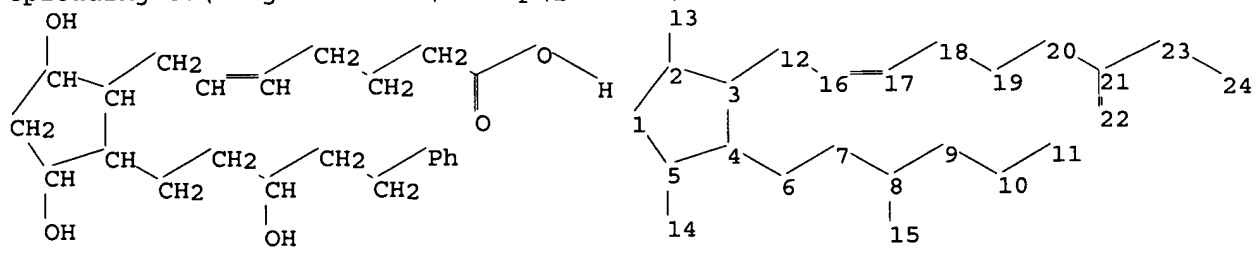


chain nodes :
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
ring nodes :
1 2 3 4 5
chain bonds :
2-13 3-12 4-6 5-14 6-7 7-8 8-9 8-15 9-10 10-11 12-16 16-17 17-18 18-19
19-20 20-21 21-22 21-23
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 2-13 3-4 4-5 5-14 8-15 21-22 21-23
exact bonds :
3-12 4-6 6-7 7-8 8-9 9-10 10-11 12-16 16-17 17-18 18-19 19-20 20-21

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=>
Uploading C:\Program Files\Stnexp\Queries\10723140\Struc 3.str



chain nodes :
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
ring nodes :
1 2 3 4 5

10723140a.trn

chain bonds :
2-13 3-12 4-6 5-14 6-7 7-8 8-9 8-15 9-10 10-11 12-16 16-17 17-18 18-19
19-20 20-21 21-22 21-23 23-24
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 2-3 2-13 3-4 4-5 5-14 8-15
exact bonds :
3-12 4-6 6-7 7-8 8-9 9-10 10-11 12-16 16-17 17-18 18-19 19-20 20-21
23-24
normalized bonds :
21-22 21-23

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L2 STRUCTURE UPLOADED

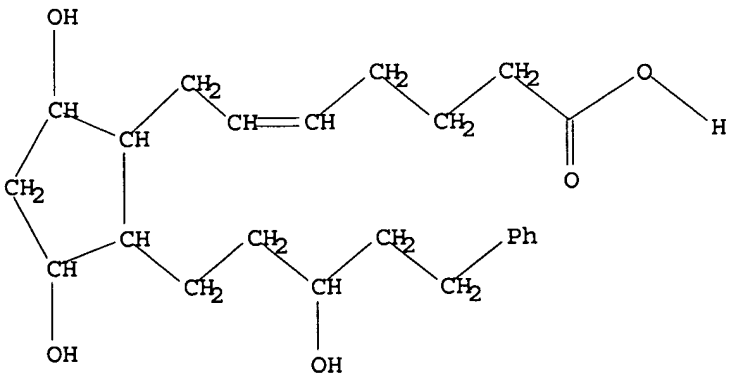
=> l2
SAMPLE SEARCH INITIATED 12:07:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 336 TO ITERATE

100.0% PROCESSED 336 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5621 TO 7819
PROJECTED ANSWERS: 0 TO 0

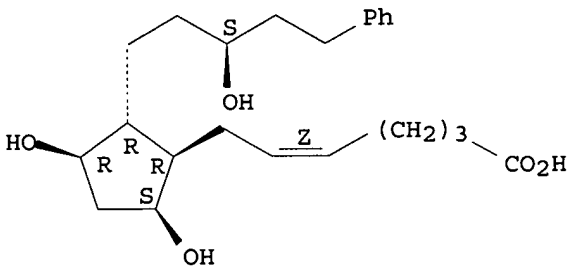
L3 0 SEA SSS SAM L2

=> d l2
L2 HAS NO ANSWERS
L2 STR

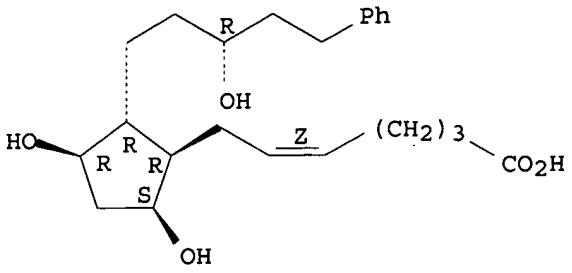


Structure attributes must be viewed using STN Express query preparation.

```
=> l2 full
FULL SEARCH INITIATED 12:07:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      6415 TO ITERATE

100.0% PROCESSED     6415 ITERATIONS                                  2 ANSWERS
SEARCH TIME: 00.00.01

L4             2 SEA SSS FUL L2

=> d scan

L4    2 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN    5-Heptenoic acid, 7-[3,5-dihydroxy-2-(3-hydroxy-5-
      phenylpentyl)cyclopentyl]-, [1R-[1α(Z),2β(S*),3α,5α
      ]]- (9CI)
MF    C23 H34 O5

Absolute stereochemistry.
Double bond geometry as shown.
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4    2 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN    5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-
      phenylpentyl]cyclopentyl]-, (5Z)- (9CI)
MF    C23 H34 O5

Absolute stereochemistry.
Double bond geometry as shown.
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file medline caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	167.82	168.03

FILE 'MEDLINE' ENTERED AT 12:07:54 ON 19 APR 2006

FILE 'CAPLUS' ENTERED AT 12:07:54 ON 19 APR 2006
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=> l4
L5 57 L4

=> dup rem l4
DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.89	168.92

FILE 'REGISTRY' ENTERED AT 12:08:01 ON 19 APR 2006
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STRUCTURE FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2
DICTIONARY FILE UPDATES: 17 APR 2006 HIGHEST RN 880759-42-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from  *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html
PROCESSING COMPLETED FOR L4
L6             2 DUP REM L4 (0 DUPLICATES REMOVED)

=> file medline caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.44     169.36

FILE 'MEDLINE' ENTERED AT 12:08:10 ON 19 APR 2006

FILE 'CAPLUS' ENTERED AT 12:08:10 ON 19 APR 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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=> dup rem l5
PROCESSING COMPLETED FOR L5
L7             56 DUP REM L5 (1 DUPLICATE REMOVED)

=> l7 and PY<1991
   1 FILES SEARCHED...
L8             3 L7 AND PY<1991

=> d ibib abs hitstr 1-3

L8   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1976:414249  CAPLUS
DOCUMENT NUMBER:          85:14249
TITLE:                    Effect of chemical modifications on the metabolic
                          transformation of prostaglandins
AUTHOR(S):                Granstrom, E.; Hansson, G.
CORPORATE SOURCE:         Dep. Chem., Karolinska Inst., Stockholm, Swed.
SOURCE:                   Advances in Prostaglandin and Thromboxane Research (
                          1976), 1, 215-19
                          CODEN: APTRDI; ISSN: 0361-5952
DOCUMENT TYPE:            Journal
LANGUAGE:                 English
GI
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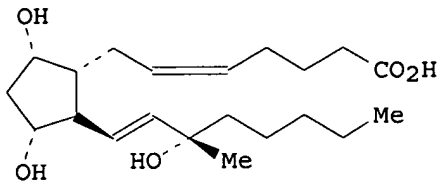


I

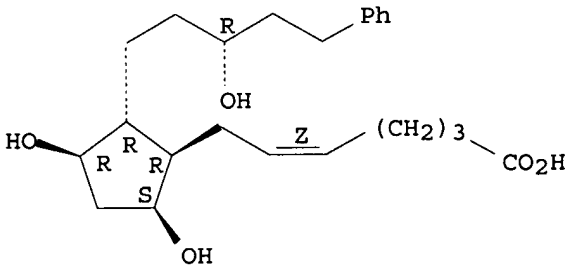
AB The metabolism of 15-methyl-PGF2α (I) [35700-23-3], 16,16-dimethyl-PGF2α [39746-23-1], and 17-phenyl-18,19,20-trinor-PGF2α [38344-08-0] was studied in the Cynomolgus monkey and in the human. The half-lives lives of the 3 compds. in the human circulation was longer than that of PGF2α [551-11-1]. The dehydrogenation of the secondary alcohol group at C-15 was blocked in the first 2 mentioned compds. These were degraded mainly by β-oxidation, and their main metabolites, both in plasma and urine, were dinor-15-methyl-PGF2α [59348-12-8] and dinor-16,16-dimethyl-PGF2α [59348-13-9], resp., 17-phenyl-18,19,20-trinor-PGF2α, was metabolized to some extent by dehydrogenation at C-15, and also by reduction of the Δ13 double bond and by β-oxidation

IT **41639-83-2**
RL: BIOL (Biological study)
(as phenyltrinorprostaglandin F2α metabolite)

RN 41639-83-2 CAPLUS

CN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, (5Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1975:422671 CAPLUS
DOCUMENT NUMBER: 83:22671
TITLE: Metabolism of 17-phenyl-18,19-20-trinorprostaglandin F2α in the cynomolgus monkey and the human female
AUTHOR(S): Granstrom, E.
CORPORATE SOURCE: Dep. Chem., Karolinska Inst., Stockholm, Swed.
SOURCE: Prostaglandins (**1975**), 9(1), 19-45
CODEN: PRGLBA; ISSN: 0090-6980
DOCUMENT TYPE: Journal
LANGUAGE: English

GI For diagram(s), see printed CA Issue.

AB The main urinary metabolites in the female monkey of 9β-3H-labeled 17-phenyl-18,19,20-trinor-PGF2α (I) [38344-08-0] were the dinor- and tetranor derivs. of 15-keto-13,14-dihydro-17-phenyl-18,19,20-trinor

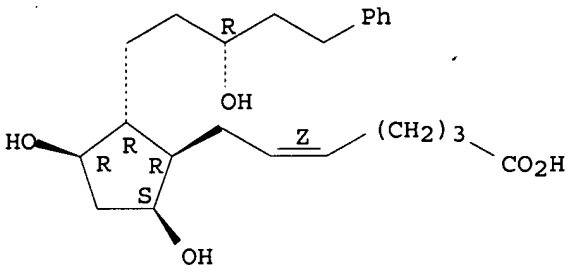
PGF2α [55349-46-7]. Unchanged I was also identified among the urinary metabolites as well as its dinor- and tetranor-derivs. The dinor derivative of 13,14-dihydro-17-phenyl-18,19,20-trinor-PGF2α [**41639-83-2**] was also found in the urine. In human females the same products were found in the urine, and in the plasma, 2 less polar metabolites, 13,14-dihydro-17-phenyl-18,19,20-trinor-PGF2α and 15-keto-13,14-dihydro-17-phenyl-18,19,20-trinor PGF2α, were found. Thus, I was transformed into a variety of products in the monkey and man.

IT **41639-83-2**
RL: FORM (Formation, nonpreparative)
(formation of, from phenyltrinorprostaglandin F2α)

RN 41639-83-2 CAPLUS

CN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, (5Z)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1973:159053 CAPLUS
DOCUMENT NUMBER: 78:159053
TITLE: Prostanoic acid derivatives
INVENTOR(S): Mallion, Keith Blakeney
PATENT ASSIGNEE(S): Imperial Chemical Industries Ltd.
SOURCE: Ger. Offen., 52 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
DE 2234709	A1	19730201	DE 1972-2234709	19720714	<--
DE 2234709	C2	19820603			
GB 1372541	A	19741030	GB 1971-33049	19710714	<--
CH 526067	A	19720731	CH 1971-526067	19710917	<--
ZA 7204372	A	19730328	ZA 1972-4372	19720626	<--
CA 986926	A1	19760406	CA 1972-145746	19720626	<--
AU 7243940	A1	19740103	AU 1972-43940	19720627	<--
JP 56029665	B4	19810709	JP 1972-68951	19720710	<--
CH 533274	A	19730315	CH 1972-10435	19720712	<--
DD 102141	C	19731212	DD 1972-164374	19720712	<--
HU 166719	P	19750528	HU 1972-IE518	19720712	<--
CH 575902	A	19760531	CH 1972-10465	19720712	<--
BE 786251	A1	19730115	BE 1972-119846	19720713	<--
FR 2145697	A1	19730223	FR 1972-25520	19720713	<--

NL 7209817	A	19730116	NL 1972-9817		19720714 <--
IT 963291	A	19740110	IT 1972-27334		19720724 <--
DE 2240176	A1	19730322	DE 1972-2240176		19720816 <--
AT 321046	B	19750310	AT 1972-7178		19720821 <--
FR 2153909	A5	19730504	FR 1972-31287		19720904 <--
BE 788744	A1	19730102	BE 1972-121952		19720913 <--
NL 7212594	A	19730320	NL 1972-12594		19720915 <--
SE 7504707	A	19750423	SE 1975-4707		19750423 <--
PRIORITY APPLN. INFO.:			GB 1971-33049	A	19710714
			GB 1971-58399	A	19711216
			CH 1971-13629	A	19710917
			CH 1972-10435	A	19720712
			CH 1972-10465	A	19720712

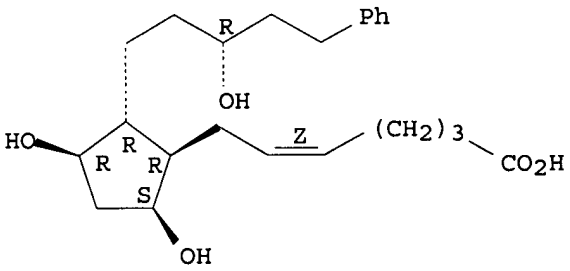
AB 9α,11α, 15-Trihydroxyprostatidenoic acid analogs, characterized by a terminal aryl group, were prepared by treating 2-formyl-3,5-dihydroxycyclopentaneacetic acid γ-lactone with di-Me (β-oxoaralkyl)phosphonate, reducing the product, then reacting with (4-carboxybutyl)triphenylphosphonium bromide. The new compds. were uterus contraction stimulators.

IT **41639-83-2P 41639-84-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 41639-83-2 CAPLUS

CN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, (5Z)- (9CI) (CA INDEX NAME)

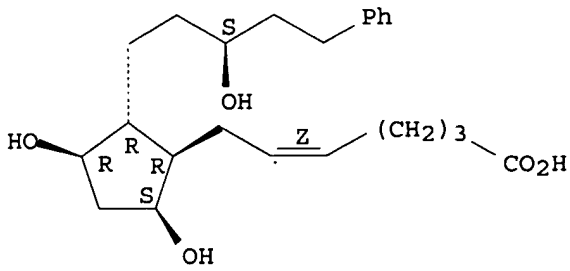
Absolute stereochemistry.
Double bond geometry as shown.



RN 41639-84-3 CAPLUS

CN 5-Heptenoic acid, 7-[3,5-dihydroxy-2-(3-hydroxy-5-phenylpentyl)cyclopentyl]-, [1R-[1α(Z),2β(S*),3α,5α]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



```
=> FIL STNGUIDE
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    18.91     188.27

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.25      -2.25

FILE 'STNGUIDE' ENTERED AT 12:10:28 ON 19 APR 2006
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 14, 2006 (20060414/UP).

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.12     188.39

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -2.25

STN INTERNATIONAL LOGOFF AT 12:11:32 ON 19 APR 2006
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